

**(54) SKIN COSMETIC COMPOSITION FOR MAKE-UP**

(11) 2-300109 (A) (43) 12.12.1990 (19) JP  
 (21) Appl. No. 64-118221 (22) 11.5.1989  
 (71) SANKO SEIBUTSU KAGAKU KENKYUSHO K.K.  
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 (51) Int. Cl<sup>5</sup>. A61K7/02, A61K7/00

**PURPOSE:** To provide a skin cosmetic composition for make-up, containing a polymeric electrolyte composite consisting of a basic polymeric compound and an acidic polymeric compound, having excellent hygroscopicity, moist feeling, adhesivity and spreadability on the skin and giving durable make-up.

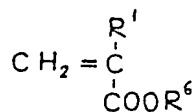
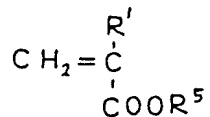
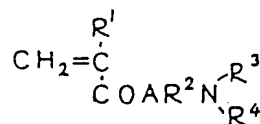
**CONSTITUTION:** The objective skin cosmetic for make-up contains a polymer electrolyte composite consisting of a basic polymeric compound (especially preferably chitosan) and an acidic polymeric compound (especially preferably hyaluronic acid, arginic acid, polyacrylic acid or their mixture). The polymer electrolyte composite may be included in the cosmetic as it is or the composite may be applied to the surface of the other powdery cosmetic component. The cosmetic has excellent hygroscopicity, stability and safety. It has excellent adhesivity to the skin and gives moist feeling to the skin.

**(54) SPRAY COMPOSITION FOR HAIR-DRESSING**

(11) 2-300110 (A) (43) 12.12.1990 (19) JP  
 (21) Appl. No. 64-117467 (22) 12.5.1989  
 (71) MITSUBISHI PETROCHEM CO LTD (72) KANJI NARASAKI(2)  
 (51) Int. Cl<sup>5</sup>. A61K7/11

**PURPOSE:** To provide a new-type spray composition for hair dressing, containing a solvent and an ampholytic ion resin produced by ampholyticizing a copolymer derived from three or more kinds of polymerizable vinyl monomers and using a hydrocarbon such as liquefied petroleum gas as a propellant.

**CONSTITUTION:** The objective excellent aerosol spray for hair dressing contains (A) 0.5-15wt.% of a polymer produced by ampholyticizing a copolymer consisting of (i) 25-50wt.% of a polymerizable vinyl monomer of formula I (R<sup>1</sup> is H or methyl; R<sup>2</sup> is alkylene; R<sup>3</sup> and R<sup>4</sup> are alkyl; A is O or NH), (ii) 10-40wt.% of a polymerizable vinyl monomer of formula II (R<sup>5</sup> is alkyl or alkylene), (iii) 10-65wt.% of a polymerizable vinyl monomer of formula III (R<sup>6</sup> is alkyl, alkylene or cycloalkyl) and (iv) 0-20wt.% of a polymerizable vinyl monomer other than those of formula I to formula III, (B) 10-89.5wt.% of a solvent such as ethanol or propanol and (C) a hydrocarbon such as propane, n-butane and dimethyl ether as a propellant. The aerosol spray has excellent low-temperature stability, driability, film-property, setting power and flaking, etc.

**(54) PACK CONTAINING DEPILATORY**

(11) 2-300112 (A) (43) 12.12.1990 (19) JP  
 (21) Appl. No. 64-120298 (22) 16.5.1989  
 (71) MITAJIRI KAGAKU KOGYO K.K. (72) KAZUO YOSHINO(1)  
 (51) Int. Cl<sup>5</sup>. A61K7/155

**PURPOSE:** To obtain a depilatory-containing pack having the action of removing hair of the body as well as keeping the face and body in beautiful and healthy state and especially reducing the pain of the skin compared with conventional peel-off pack by compounding a depilatory to a pack.

**CONSTITUTION:** The objective depilatory-containing pack having the above effects can be produced by compounding a beauty and health pack to be applied to the face or body with a depilatory preferably composed of (A) one or more metal salts selected from alkaline-earth metal salts and alkali metal salts of thioglycolic acid, the component A and (B) one or more hydroxides selected from hydroxides of alkali metal and alkaline-earth metal, the component B and (C) thioglycolic acid, the components A, B and C, thioglycerol, or an alkali metal or alkaline-earth metal sulfide. When the pack is used as a peel-off pack, hair can be almost completely removed without giving pain to the skin in peel-off.